

#12

OIKE

RAW SEQUENCE LISTING

DATE: 01/11/2002

PATENT APPLICATION: US/09/759,990

TIME: 13:19:48

Input Set : D:\31276-20026.txt

Output Set: N:\CRF3\01112002\I759990.raw

ENTERED

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3 <110> APPLICANT: AntiCancer, Inc.
4     Xu, Mingxu
5     Han, Oinghong
7 <120> TITLE OF INVENTION: HIGH EXPRESSION AND PRODUCTION OF HIGH
8     SPECIFIC ACTIVITY RECOMBINANT S-ADENOSYLHOMOCYSTAINASE
9     (SAHH) AND IMPROVED ASSAYS FOR S-ADENOSYLMETHIONINE (SAM)
12 <130> FILE REFERENCE: 31276-20026.00
14 <140> CURRENT APPLICATION NUMBER: US 09/759,990
15 <141> CURRENT FILING DATE: 2001-01-12
17 <150> PRIOR APPLICATION NUMBER: US 60/176,444
18 <151> PRIOR FILING DATE: 2000-01-14
20 <160> NUMBER OF SEQ ID NOS: 5
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 1461
26 <212> TYPE: DNA
27 <213> ORGANISM: Unknown
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Nucleotide sequence encoding SAHH
32 <400> SEQUENCE: 1
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34 catgttctcg gccgtaagga acttaccctt gctgagaagg aaatgccagg tottatgggt      120
35 cttcgtgagc gttattccgc ttctaagcca ttgaagggtg tcagaatctc tggttccctc      180
36 cacatgacag tccagacagc cgtcctcatc gagacactca cagctcttgg tgctgatgtc      240
37 agatgggctt cctgcaacat cttctctaca caagatacag ccgctgctgc tatcgttgctc      300
38 ggcccaacag gcacaccaga gaagccagcc ggtatcccag tcttcgcctg gaagggcgaa      360
39 aactcccag aatactggga gaacacatac cgcgctctca catggccaga tggtaaggc      420
40 ccacagcagg ttgtcgatga tgggtggtgat gctacactcc tcatctccaa gggcttcgaa      480
41 ttcgaaacag ccggtgctgt tccagagcca acagaagctg acaacctcga ataccgctgc      540
42 gttcttgcta cactcaagca ggtcttcaac caagacaaga accactggca cacagttgct      600
43 gccggcatga acggtgtttc cgaagagaca acaacagggtg tccaccgctc ctaccagctc      660
44 gagaaggagg gcaaactcct cttcccagcc atcaacgtca acgacgctgt taaaagtcc      720
45 aagttcgata acatctacgg ctgccgccac tcccttatcg atggtatcaa ccgtgcttcc      780
46 gatgtcatga tcggcgccaa gacagctctc gtcattgggt acggcgatgt cggcaagggc      840
47 tgcgtcaat ccctccgtgg ccaaggcgct cgcgttatca tcacagaact cgacccaatc      900
48 tgcgtctcc aggtgccat ggaaggctac caggctccgc gcacagagga agtcgtcaag      960
49 gatgtcgata tcttcgttac atgcacagga aactgcgata tcattctctg tgacatgatg      1020
50 gccagatga aggataaggc tattgtcggg aacatcggcc acttcgataa cgaaattgat      1080
51 acagatggcc tcattgaaata cccaggcata aagcacatcc caatcaagcc agaatacgac      1140
52 atgtgggaat tcccagatgg ccacgctatc ctctctcttg ctgagggccg cttctttaac      1200
53 cttggctgcg ctacagggtca cccattcttc gttatgtcaa tgcattcac aaaccagaca      1260
54 ctgcgtcagc tcgacctcta cgaaaagaga ggaaatctcg agaagaaggt ttacacactt      1320
55 ccgaagcatc tcgatgaaga agtcgctcgc ctccacctcg gatctctcga tgtccacctt      1380
56 acaaagctta cacagaagca ggctgactac atcaacgttc cagttgaggg tccttacaag      1440
57 tctgatgctt accgttatta a
59 <210> SEQ ID NO: 2
60 <211> LENGTH: 33

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61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Upstream primer
67 <400> SEQUENCE: 2
68 ttttgatcc gcttgcaaat cacctgctgg tgc 33
70 <210> SEQ ID NO: 3
71 <211> LENGTH: 24
72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Downstream pprimer
78 <400> SEQUENCE: 3
79 ttttctgcag ggggagctat cgct 24
81 <210> SEQ ID NO: 4
82 <211> LENGTH: 38
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Primer
89 <400> SEQUENCE: 4
90 catcatcatc atcatcacgc ttgcaaatca cctactgg 38
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 30
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Primer
100 <400> SEQUENCE: 5
101 ctacgaatgg caataattcc taggtacgta 30

VERIFICATION SUMMARY

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